

Abstract

A transport assembly and method for containers includes an actuator arm coupled to the drive shaft of a motor and extending radially therefrom so as to be driven between two angular positions. A load arm carries a transport head that releasably engages a selected container at a first station. The load arm is coupled to the actuator arm and is driven in conjunction with a constraining mount that controls its motion. The transport head can grip the container such as with a vacuum. The transport head lifts the container from a first station, moves it to a desired location and places it in a second station. A cam-driven plunger assembly is also shown and operates to seat the container in the second station. The method includes steps performed by this structure, and the application of a seating force to mate a container in the second station.